

Form PTO-1449

Docket Number 220002064500

Application Number 10/646,948

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Krisztina M. ZSEBO et al.

Filing Date August 21, 2003

Group Art Unit Not Yet Assigned

Mailing Date March 16, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
LT	1.	04/05/1977	4,016,253	Switzer et al.	-	-	
	2.	03/13/1984	4,436,728	Ribi et al.	-	-	
	3.	02/23/1988	4,726,947	Shimada et al.	-	-	
	4.	10/15/1991	5,057,540	Kensil et al.	-	-	
	5.	12/31/1991	5,077,284	Loria et al.	-	-	
	6.	12/15/1992	5,171,568	Burke et al.	-	-	
	7.	04/18/1995	5,407,684	Loria et al.	-	-	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
LT	8.	11/17/1991	WO 91/16924	WIPO	-	-	
LT	9.	10/01/1992	WO 92/16231	WIPO	-	-	
LT	10.	08/10/2000	WO 00/45840	WIPO	-	-	

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

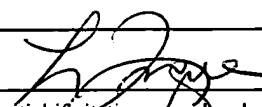
Examiner Initials	Ref. No.	Title
LT	11.	Anderson, P. et al. (1977). "Immunogenicity in Weanling Rabbits of a Polyribophosphate Complex from <i>Haemophilus influenzae</i> Type b," <i>J. Inf. Dis.</i> 136(S):S63-S70.
LT	12.	Azougagh-Oualane, F. et al. (1992). "Effects of Aprotinin on Heparin Activities and Heparin Neutralization with Protamine," <i>Thromb. Res.</i> 68(2):185-193.
LT	13.	Bizzini, B. (1984). "Tetanus" Chapter 2 In <u>Bacterial Vaccines</u> Germanier, R. ed., Academic Press, Inc.: Orlando, FL. pp. 37-68.
LT	14.	Brown, H.M. et al. (1959). "Chronic Bronchitis in Industry," <i>Br. Med. J.</i> 1:263-267.
LT	15.	Cole, T.-C. et al. (1989). "Isolation and Characterisation of a Neutral Proteinase From the Canine Intervertebral Disc," <i>Biochim. Biophys. Acta.</i> 990:254-262.
LT	16.	DiPetrillo, M.D. et al. (2000). "Safety and Immunogenicity of <i>phoP/phoQ</i> -deleted <i>Salmonella typhi</i> expressing <i>Helicobacter pylori</i> Urease in Adult Volunteers," <i>Vaccine</i> 18:449-459.

EXAMINER:

DATE CONSIDERED:

3/18/05

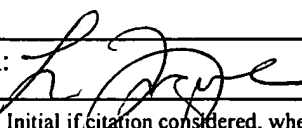
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449		Docket Number 220002064500	Application Number 10/646,948
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant Krisztina M. ZSEBO et al.	
		Filing Date August 21, 2003	Group Art Unit Not Yet Assigned
		Mailing Date March 16, 2004	
17.	Eisenstein, T.K. et al. (1998). "Immunosuppression and Nitric Oxide Production Induced by Parenteral Live Salmonella Vaccines Do Not Correlate with Protective Capacity: a <i>phoP</i> ::Tn10 Mutant Does Not Suppress But Does Protect," <i>Vaccine</i> 16(1):24-32.		
18.	Eisenstein, T.K. (1999). "Mucosal Immune Defense: The <i>Salmonella typhimurium</i> Model" Chapter 3 <i>In Intracellular Bacterial Vaccine Vectors</i> , Paterson, Y. ed. Wiley-Liss, Inc. pp. 51-109.		
19.	Fine, P.E.M. et al. (1987). "Reflections on the Efficacy of Pertussis Vaccines," <i>Rev. Infect. Dis.</i> 9(5):866-883.		
20.	Gentshev, I. et al. (2002). "The <i>E. coli</i> α -hemolysin Secretion System and Its Use in Vaccine Development," <i>Trends in Microbiology</i> 10(1):39-45.		
21.	Ghosh, D. et al. (2002). "Paneth Cell Trypsin is the Processing Enzyme for Human Defensin-5," <i>Nature Immunology</i> 3(6):583-590.		
22.	Hone, D.M. et al. (1999). "Mucosal Vaccination with <i>Salmonella</i> Vaccine Vectors" Chapter 6 <i>In Intracellular Bacterial Vaccine Vectors</i> , Paterson, Y. ed. Wiley-Liss, Inc. pp. 171-221.		
23.	Hornick, R.B. et al. (1970). "Typhoid Fever: Pathogenesis and Immunologic Control," <i>N. Eng. J. Med.</i> 283(13):686-691.		
24.	Laura, R. et al. (1980). "(<i>p</i> -Aminodiphenyl)methanesulfonyl Fluoride, an Irreversible Inhibitor of Serine Proteases," <i>Biochemistry</i> 19:4859-4864.		
25.	Linhardt, R.J. et al. (1995). "Dermatan Sulfate as a Potential Therapeutic Agent," <i>Gen. Pharmacol.</i> 26(3):443-451.		
26.	Mäkelä, P.H. et al. (1977). "Polysaccharide Vaccines of Group A <i>Neisseria meningitidis</i> and <i>Haemophilus influenzae</i> Type b: A Field Trial in Finland," <i>J. Inf. Dis.</i> 136(S):S43-S50.		
27.	Manclark, C.R. et al. (1984). "Pertussis" Chapter 3 <i>In Bacterial Vaccines</i> Germanier, R. ed., Academic Press: Orlando, FL. pp. 69-106.		
28.	Panyutich, A. et al. (1991). "Activated α_2 -Macroglobulin Is a Principal Defensin-Binding Protein," <i>Am. J. Respir. Cell Mol. Biol.</i> 5:101-106.		
29.	Panyutich, A.V. et al. (1995). "Human Neutrophil Defensin and Serpins Form Complexes and Inactivate Each Other," <i>Am. J. Respir. Cell Mol. Biol.</i> 12:351-357.		
30.	Pappenheimer, A. M. (1984). "Diphtheria" Chapter 1 <i>In Bacterial Vaccines</i> Germanier, R. ed., Academic Press: Orlando, FL. pp. 1-36.		
31.	Parke, J.C. et al. (1977). "Interim Report of a Controlled Field Trial of Immunization with Capsular Polysaccharides of <i>Haemophilus influenzae</i> Type b and Group C <i>Neisseria meningitidis</i> in Mecklenburg County, North Carolina (March 1974-March 1976)," <i>J. Inf. Dis.</i> 136(S):S51-S56.		
32.	Pltokin, S.A. et al. eds. (1999). <i>Vaccines</i> Third Edition. WB Saunders Co.: Philadelphia, PA. pp xvii-xix (Table of Contents Only.)		
EXAMINER: 		DATE CONSIDERED: 3/18/05	
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. (Include a copy of this form with next communication to applicant.)			
PTO/SB/08 (2-92) pa- 857977		Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE	

NOT
-tab 2 of contents only

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 220002064500	Application Number 10/646,948
	Applicant Krisztina M. ZSEBO et al.	
	Filing Date August 21, 2003	Group Art Unit Not Yet Assigned
	Mailing Date March 16, 2004	

LT	33.	Schmidtchen, A. et al. (2001). "Dermatan Sulphate is Released by Proteinases of Common Pathogenic Bacteria and Inactivates Antibacterial α -defensin," <i>Mol. Microbiol.</i> 39(3):708-713.
	34.	Shata, M.T. et al. (2000). "Recent Advances with Recombinant Bacterial Vaccine Vectors," <i>Molecular Medicine Today</i> 6:66-71.
	35.	Sirard, J-C. et al. (1999). "Live Attenuated <i>Salmonella</i> : A Paradigm of Mucosal Vaccines," <i>Immun. Rev.</i> 171:5-26.
	36.	Sweadner, K.J. (1991). "Trypsin Inhibitor Paradoxically Stabilizes Trypsin Activity in Sodium Dodecyl Sulfate, Facilitating Proteolytic Fingerprinting," <i>Anal. Biochem.</i> 194(1):130-135.
	37.	Takahashi, H. et al. (1990). "Induction of CD8+ Cytotoxic T Cells by Immunization with Purified HIV-1 Envelope Protein in ISCOMs," <i>Nature</i> 344:873-875.
	38.	Tzschaschel, B.D. et al. (1996). "An <i>Escherichia coli</i> Hemolysin Transport System-Based Vector for the Export of Polypeptides: Export of Shiga-like Toxin IIeB Subunit by <i>Salmonella typhimurium</i> <i>aroA</i> ," <i>Nat. Biotechnology</i> 14:765-769.
	39.	Uchino, T. et al. (1993). "Isolation and Characterization of a Novel Serine Proteinase Complexed with α_2 -Macroglobulin From Porcine Gastric Mucosa," <i>J. Biol. Chem.</i> 268(1):527-533.
	40.	Valore, E.V. et al. (1996). "Intramolecular Inhibition of Human Defensin HNP-1 by Its Propiece," <i>J. Clin. Invest.</i> 97(7):1624-1629.
	41.	Wilson, C.L. et al. (1999). "Regulation of Intestinal α -Defensin Activation by the Metalloproteinase Matrilysin in Innate Host Defense," <i>Science</i> 286:113-117.
	42.	Xiang, R. et al. (2001). "Protective Immunity Against Human Carcinoembryonic Antigen (CEA) Induced by an Oral DNA Vaccine in CEA-Transgenic Mice," <i>Clinical Cancer Research</i> 7:856S-864S.
	43.	Zasloff, M. (2002). "Trypsin, for the defense," <i>Nature Immunology</i> 3(6):508-510.

EXAMINER: 	DATE CONSIDERED: 3/17/05
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.	